

S-Series Specification Sheet

S172-100

UV Reactor

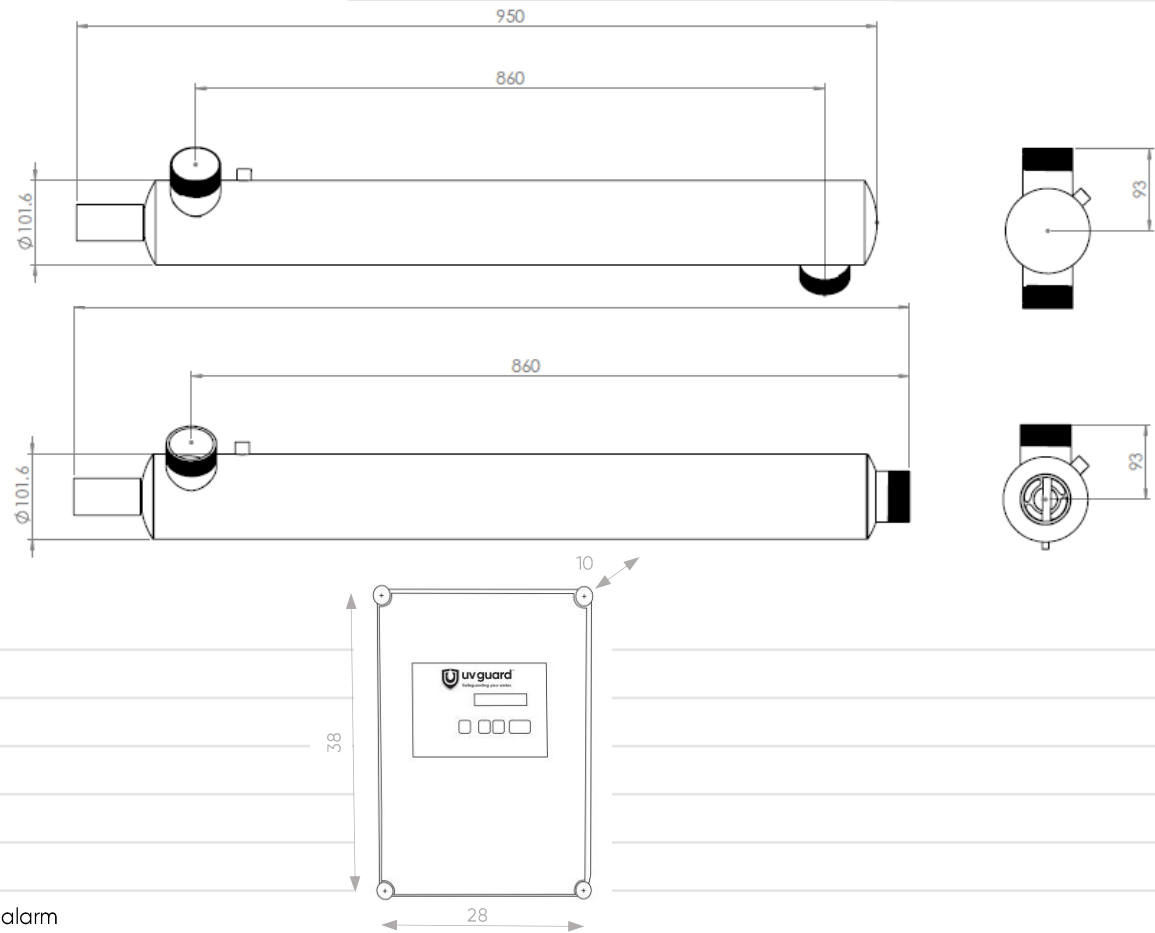
Certification	Australian WaterMark Level 1
Material	316L Stainless Steel
Inlet and outlet connections	2" BSPT
Inlet and outlet configurations	Straight flow through
Max pressure	10 bar (1000 kPa)
Weight when full	15 kg
IP rating	IP65
Lamp type	172W Low Pressure Amalgam
Lamp life	12,000 hours
Max Operating Temperature	60 °C
Lamp view port	Yes
Options	Sanitary inlet and outlet connections

Controller

Material	Polycarbonate
Voltage (V/Hz)	240V, 50-60 Hz
Operating temperature range	5°C - 40°C
Power consumption	175W
Protection class	IP65
Standard features	Lamp on/off LEDs, digital lamp life timer, audible alarm
Options	Powder coated steel and 304 stainless steel enclosures, models to suit international electrical outlets, UV intensity monitoring, 4-20mA UV intensity output, volt free alarm outputs, lamp safety interlock switch, remote on input, alternative controller communication.

Performance

Flow Rate @ 30mJ/cm ²	18.6 m ³ /hr	UV dose calculated based on 95% UV Transmittance and lamp output at the end of life.
Flow Rate @ 40mJ/cm ²	14 m ³ /hr	



A range of indoor controllers is also available to suit project needs.